

Title (en)
FLUORELASTOMER HAVING IMPROVED COMPRESSION SET RESISTANCE

Publication
EP 0137216 A3 19860827 (EN)

Application
EP 84109596 A 19840811

Priority
US 52318983 A 19830815

Abstract (en)
[origin: EP0137216A2] A peroxide curable fluoroelastomer composition wherein the composition comprises a tetrapolymer whose interpolymerized units consist essentially of units derived from: (1) about 30-40 weight percent vinylidene fluoride, (2) about 30-40 weight percent of the fluorine-containing monomers hexafluoropropylene or pentafluoropropylene, (3) about 25-35 weight percent tetrafluoroethylene and (4) up to 3 mole percent of units, based upon the tetrapolymer, derived from a bromine-containing olefin, with the proviso that enough of such units are present to provide 0.05 weight percent bromine in the tetrapolymer, the units of the bromine-containing olefin are derived from a compound having the formula $CX_2=CX(CY_2)_{n-1}(CZ_2)_{n-2}Br$ where X is hydrogen or fluorine, Y is hydrogen, fluorine or chlorine, Z is fluorine or chlorine and n is 0-5 and said fluoroelastomer composition contains at least 1 part per hundred parts tetrapolymer of trimethallylisocyanurate.

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IPC 8 full level
C08L 27/12 (2006.01); **C08F 14/16** (2006.01); **C08F 14/18** (2006.01); **C08F 14/22** (2006.01); **C08F 214/16** (2006.01); **C08F 214/18** (2006.01); **C08F 214/22** (2006.01); **C08F 214/26** (2006.01); **C08K 3/22** (2006.01); **C08K 5/04** (2006.01); **C08K 5/14** (2006.01); **C08K 5/17** (2006.01); **C08K 5/34** (2006.01); **C08L 1/00** (2006.01); **C08L 27/00** (2006.01); **C08L 27/14** (2006.01)

CPC (source: EP US)
C08F 214/188 (2013.01 - EP US)

Citation (search report)
• [XD] US 4214060 A 19800722 - APOTHEKER DAVID [US], et al
• [A] GB 1108990 A 19680410 - RAYCHEM CORP
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